EARTH VENTURE MISSON-2 (EVM-2)

Welcome and Introductions for the Draft EVM-2 AO Prospective Bidders Teleconference/Webex

Peg Luce
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Draft EVM-2 AO Prospective Bidders Teleconference/Webex: Presenters

Peg Luce	Deputy Director, ESD	NASA Headquarters
Ramesh Kakar	EVM-2 Program Scientist	NASA Headquarters
Christine Bonniksen	EVM-2 Program Executive	NASA Headquarters
Waldo Rodriguez	EVM-2 TMC Evaluation	NASA SOMA
Lawrence Friedl	Assoc. Dir., Applied Science, ESD	NASA Headquarters

Draft EVM-2 AO Prospective Bidders Teleconference/Webex: Agenda

1:00 PM	Welcome and Introductions	Peg Luce, NASA HQ
1:10	Ground Rules	Ramesh Kakar/Chris Bonniksen, NASA HQ
1:20	EVM-2 Draft AO Science and Science Evaluation	Ramesh Kakar, NASA HQ
1:50	EVM-2 Draft AO and TMC Evaluation	Waldo Rodriguez, NASA SOMA
2:20	Access to Space	Chris Bonniksen, NASA HQ
2:40	Role of Applied Science	Lawrence Friedl, NASA HQ
3:00	Break	
3:15	Questions & Answers	
4:00	End	

Venture Class – ESD Objectives

- **A sustained, successful Venture-class element is a priority from the Decadal Survey**
  - Advances science/applications and promotes community involvement through frequent, regular proposal opportunities
  - Ensures overall program scientific flexibility and responsiveness through constrained development schedules

- **ESD Venture-class characteristics**
  - Science-driven, involving sustained (> seasonal) data acquisition
    - Technology development/demonstration are not sufficient justifications
  - Frequent, regular solicitations
    - Approximate Four year frequency for EVM & EVS
    - Approximate 18 month frequency for solicitations for EV-I instruments
  - Competitively selected, PI-led
  - Cost and schedule constrained
    - Explicit total cost caps per investigation defined in each solicitation
    - 5-year total investigation term (data acquisition and analyses) for suborbital investigations
    - 5-year development time-to-launch for space missions – all science requirements must be achieved within nominal (typically 1-3 year) mission

Earth Science Focus Areas

Further information on the goals and objectives of NASA's Earth science program may be found in the 2014 Science Mission Directorate Science Plan available through the EVM-2 Library.

The NASA Earth science research program strives to advance goals in the following six Science Focus Areas and their component inter-disciplinary programs:

- **Atmospheric Composition**
- **Weather**
- **Carbon Cycle & Ecosystems**
- **Water & Energy Cycle**
- **Climate Variability & Change**
- **Earth Surface & Interior**

The six focus areas and their main aims are articulated in the *2014 Science Plan*.